

Abstract of the Disclosure

A method and a system are disclosed for enabling an automatic creation of a parts list and 3-dimensional illustrations of a product based on 3-dimensional CAD or XVL data of an industrial product consisting of a plurality of parts. A method for generating a parts catalog consisting of a parts list and corresponding disassembly illustrations is provided. This method comprises the steps of (a) assigning reference numerals/symbols based on the parts list; (b) building a disassembly algorithm based on the parts list; and (c) generating disassembly illustrations based on the disassembly algorithm, wherein minimum disassembly units of the disassembly illustrations are parts and parts groups assigned with the reference numerals/symbols, and displaying the reference numeral/symbol for each of the parts and parts groups in the disassembly illustrations.